

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025387.D
 Acq On : 30 Nov 2021 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 02:18:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	97488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54208	52.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.500%			
35) Dibromofluoromethane	5.379	113	49348	54.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	8.647	98	181652	53.128	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.260%			
62) 4-Bromofluorobenzene	11.079	95	69318	53.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50389	59.627	ug/l	100
3) Chloromethane	1.295	50	49711	47.509	ug/l	98
4) Vinyl Chloride	1.374	62	56489	49.172	ug/l	98
5) Bromomethane	1.599	94	30258	61.263	ug/l	99
6) Chloroethane	1.685	64	37543	47.363	ug/l	99
7) Trichlorofluoromethane	1.886	101	87223	51.154	ug/l	98
8) Diethyl Ether	2.130	74	34217	48.625	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	50435	55.591	ug/l	98
10) Methyl Iodide	2.453	142	64806	57.129	ug/l	93
11) Tert butyl alcohol	2.959	59	54722	213.994	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46980	51.995	ug/l	89
13) Acrolein	2.233	56	16677	354.256	ug/l	98
14) Allyl chloride	2.660	41	80384	49.156	ug/l	96
15) Acrylonitrile	3.062	53	134701	244.275	ug/l	98
16) Acetone	2.380	43	147952	259.114	ug/l	96
17) Carbon Disulfide	2.508	76	116313	45.760	ug/l	99
18) Methyl Acetate	2.703	43	85994	47.137	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	162811	51.714	ug/l	100
20) Methylene Chloride	2.788	84	53188	49.553	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	51844	52.376	ug/l	88
22) Diisopropyl ether	3.757	45	162702	52.245	ug/l	99
23) Vinyl Acetate	3.721	43	642975	257.034	ug/l	96
24) 1,1-Dichloroethane	3.605	63	90997	53.476	ug/l	98
25) 2-Butanone	4.550	43	201155	243.668	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82965	53.779	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	60882	52.669	ug/l	90
28) Bromochloromethane	4.898	49	43578	54.921	ug/l	94
29) Tetrahydrofuran	5.001	42	119346	233.486	ug/l	97
30) Chloroform	5.093	83	95279	53.804	ug/l	98
31) Cyclohexane	5.464	56	81275	51.182	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	85973	53.028	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69989	54.125	ug/l	98
37) Ethyl Acetate	4.709	43	72930	49.571	ug/l	99
38) Carbon Tetrachloride	5.672	117	78207	54.912	ug/l	99
39) Methylcyclohexane	7.379	83	89548	53.989	ug/l	94
40) Benzene	6.038	78	207590	52.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40960	50.161	ug/l	97
42) 1,2-Dichloroethane	6.086	62	71135	55.811	ug/l	92
43) Isopropyl Acetate	6.336	43	122406	49.994	ug/l	98
44) Trichloroethene	7.123	130	62132	54.601	ug/l	92
45) 1,2-Dichloropropane	7.428	63	52098	54.151	ug/l	98
46) Dibromomethane	7.580	93	38441	55.041	ug/l	94
47) Bromodichloromethane	7.818	83	74219	54.076	ug/l	97
48) Methyl methacrylate	7.690	41	56894	49.512	ug/l	97
49) 1,4-Dioxane	7.659	88	21406	882.142	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	380808	248.038	ug/l	99
52) Toluene	8.720	92	137138	53.625	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	82082	53.779	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88419	53.443	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	55087	54.197	ug/l	97
56) Ethyl methacrylate	9.116	69	85267	51.694	ug/l	96
57) 1,3-Dichloropropane	9.305	76	90435	53.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	208785	272.065	ug/l	95
59) 2-Hexanone	9.433	43	303246	250.539	ug/l	97
60) Dibromochloromethane	9.519	129	62112	53.093	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59191	53.768	ug/l	99
64) Tetrachloroethene	9.275	164	62924	55.415	ug/l	94
65) Chlorobenzene	10.080	112	152607	54.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57929	53.832	ug/l	99
67) Ethyl Benzene	10.195	91	266252	54.905	ug/l	97
68) m/p-Xylenes	10.299	106	212051	107.057	ug/l	93
69) o-Xylene	10.640	106	104437	53.872	ug/l	91
70) Styrene	10.659	104	173544	54.187	ug/l	97
71) Bromoform	10.799	173	47816	51.179	ug/l #	99
73) Isopropylbenzene	10.964	105	272403	53.289	ug/l	98
74) N-amyl acetate	10.842	43	108183	48.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82377	49.821	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76540m	52.111	ug/l	
77) Bromobenzene	11.201	156	68665	52.232	ug/l	94
78) n-propylbenzene	11.305	91	313457	54.629	ug/l	97
79) 2-Chlorotoluene	11.366	91	183665	52.577	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	228169	53.101	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28085	48.169	ug/l	91
82) 4-Chlorotoluene	11.457	91	211251	52.976	ug/l	96
83) tert-Butylbenzene	11.713	119	229004	52.442	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	228951	53.911	ug/l	97
85) sec-Butylbenzene	11.890	105	293262	55.241	ug/l	98
86) p-Isopropyltoluene	12.012	119	249725	54.749	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	131022	53.540	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	131946	53.211	ug/l	98
89) n-Butylbenzene	12.335	91	214128	55.696	ug/l	97
90) Hexachloroethane	12.542	117	43379	51.607	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	126601	53.084	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17130	49.598	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	82917	59.069	ug/l	99
94) Hexachlorobutadiene	13.725	225	37307	55.351	ug/l	98
95) Naphthalene	13.780	128	258193	53.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80687	58.758	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

